

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system for providing context information to an input method for enabling advanced input methods to achieve a higher accuracy recognition rate for text input to application fields by providing an architecture that supports applications or forms to specify what type of text input they are expecting in their text fields, comprising:

an input mechanism for inputting text into plurality of text fields for an application executable software code having a text input field, wherein each of the plurality of text fields are configured to receive a sequence of text characters;

a context component operably coupled to the executable software code, the context component having an first interface invocable by the executable software code for setting a first and second input scopes of input for a for respective first and second text fields of the plurality of text fields for the application, wherein an input scope is a subset of a language used to define what one or more words, numbers, or punctuations can be written and in what order they may be written to form a sequence of text characters in the text input field, and wherein the first and second input scopes are different input scopes and chosen from one or more of the following: a list of input scopes, a list of words or phrases, a common input scope, or a custom input scope; and

a recognizer for an input method, the recognizer operably coupled to the context component and input mechanism for invoking an a second interface of the context component for receiving and applying the first and second input scopes of input set by the executable software code for the respective first and second text fields such that as sequences of text characters are entered into each of the first and second text input fields, the sequence of text characters are compared with text within the respective first and second input scopes set in order to determine what text input is expected by the application for the respective first and second text input fields.

2. (Currently Amended) The system of claim 1 wherein the first interface invocable by the executable software code for setting a ~~the first and second input scopes of input for a the~~ respective first and second text fields comprises a parameter for passing a list of words.

3. (Currently Amended) The system of claim 1 wherein the first interface invocable by the executable software code for setting a ~~the first and second input scopes of input for a the~~ respective first and second text fields comprises a parameter for passing a list of phrases.

4. (Currently Amended) The system of claim 1 wherein the first interface invocable by the executable software code for setting a ~~the first and second input scopes of input for a the~~ respective first and second text fields comprises a parameter for passing a common input scope.

5. (Original) The system of claim 4 wherein the common input scope comprises a defined format with an associated fixed list of characters.

6. (Currently Amended) The system of claim 1 wherein the first interface invocable by the executable software code for setting a ~~the first and second input scopes of input for a the~~ respective first and second text fields comprises a parameter for passing a regular expression.

7. (Currently Amended) The system of claim 1 wherein the first interface invocable by the executable software code for setting a ~~the first and second input scopes of input for a the~~ respective first and second text fields comprises a parameter for passing a set of input scopes.

8. (Currently Amended) The system of claim 1 wherein the second interface invocable by the recognizer for obtaining the first and second scopes of input for a the respective first and second text fields comprises a method invoked for obtaining a set of input scopes.

9. (Currently Amended) The system of claim 1 wherein the second interface invocable by the recognizer for obtaining the first and second input scopes of input for a the respective first and second text fields comprises a method invoked for obtaining a list of phrases.

10. (Currently Amended) The system of claim 1 wherein the second interface invocable by the recognizer for obtaining the first and second input scopes ~~of input for a~~ the respective first and second text fields comprises a method invoked for obtaining a list of words.

11. (Currently Amended) The system of claim 1 wherein the second interface invocable by the recognizer for obtaining the first and second input scopes ~~of input for a~~ the respective first and second text fields comprises a method invoked for obtaining a regular expression.

12. (Original) The system of claim 1 wherein the recognizer comprises a recognizer for speech.

13. (Original) The system of claim 1 wherein the recognizer comprises a recognizer for handwriting.

14. (Original) The system of claim 1 wherein the recognizer comprises a recognizer for an input method editor.

15. (Currently Amended) A computer-readable storage medium having computer executable components comprising the system of claim 1.

16. (Currently Amended) A method for providing context information to an input method for enabling advanced input methods to achieve a higher accuracy recognition rate for text input to application fields by providing an architecture that supports applications or forms to specify what type of text input they are expecting in their text fields, comprising the steps of:

invoking by executable software code an first application programming interface for setting a scope of input scopes for a plurality of text fields of for an application executable software code, wherein an input scope is a subset of a language used to define what one or more words, numbers, or punctuations can be written and in what order they may occur to form a sequence of text characters in a text field;

using the first application programming interface for setting a scope of a first input scope for a first text field of the executable software code application, the first input scope chosen from a plurality of available input scopes including one or more of a list of input scopes, a list of words or phrases, a common input scope, or a custom input scope;

using the first application programming interface for setting a second input scope for a second text field of the application, the second input scope chosen from the plurality of input scopes, which is different from the first input scope set for the first text field;

invoking an second application programming interface by a recognizer for obtaining one or more of the scope of input scopes set for the plurality of text fields of the executable software code application; and

obtaining using the second application programming interface for applying the first scope of input scope set for the first text field of the executable software code application such that as a first sequence of text characters are entered into the first text field, the first sequence of text characters are compared with text with the first input scope set in order to determine what text input is expected by the application for the first text field; and

using the second application programming interface for applying the second input scope set for the second text field of the application such that as a second sequence of text characters are entered into the second text field, the second sequence of text characters are compared with text within the second input scope set in order to determine what text input is expected by the application for the second text field.

17. (Canceled)

18. (Currently Amended) The method of claim 16 wherein invoking the first an application programming interface for setting an input a-scope of input for a text field of ~~executable software code~~the application comprises passing a list of words.

19. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the first application programming interface for setting an input a-scope of input for a text field of ~~executable software code~~the application comprises passing a list of phrases.

20. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the first application programming interface for setting an input a-scope of input for a text field of ~~executable software code~~the application comprises passing a common input scope.

21. (Original) The method of claim 20 wherein passing a common input scope comprises passing an identifier for a defined format with an associated fixed list of characters.

22. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the first application programming interface for setting an input a-scope of input for a text field of ~~executable software code~~the application comprises passing a regular expression.

23. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the second application programming interface for obtaining ~~the~~an input scope of input set for ~~the~~a text field of the ~~executable software code~~application comprises obtaining a set of input scopes.

24. (Original) The method of claim 16 wherein invoking ~~an~~the seoncd application programming interface for obtaining ~~the~~an input scope of input set for ~~the~~a text field of the ~~executable software code~~application comprises obtaining a list of words.

25. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the second application programming interface for obtaining ~~the~~an input scope of input set for ~~the~~a text field of the ~~executable software code~~application comprises obtaining a list of phrases.

26. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the second application programming interface for obtaining ~~the~~an input scope of input set for ~~the~~a text field of the ~~executable software code~~application comprises obtaining a common input scope.

27. (Currently Amended) The method of claim 16 wherein invoking ~~an~~the second application programming interface for obtaining an input ~~the~~ scope of input set for ~~the~~a text field of the ~~executable software code~~application comprises obtaining a regular expression.

28. (Currently Amended) A computer-readable storage medium having computer executable instructions for performing the method of claim 16.